

# TRISHLA MISHRA

Kanpur, Uttar Pradesh

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## EDUCATION

### PSIT College of Engineering

*B.Tech - CSE (Artificial Intelligence) - CGPA - 7.5*

**2020 – 2024**

*Kanpur, Uttar Pradesh*

### Shri. Vinayak Academy International School

*Intermediate - CBSE - Percentage - 74.2%*

**2019 - 2020**

*Orai, Uttar Pradesh*

### Heliger Borden Education Center

*High School - ICSE - Percentage - 82.8%*

**2017 - 2018**

*Kanpur, Uttar Pradesh*

## COURSEWORK / SKILLS

- Data Structure and Algorithms (DSA)
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Machine Learning

## EXPERIENCE

### Machine Learning Intern at Bharat Intern | [Machine Learning, Data Science](#)

**08/2023 - 09/2023**

- Delivered successful ML projects, showcasing strong analytical and problem-solving skills.
- Demonstrated adaptability by swiftly integrating new ML techniques.
- Implemented efficient data preprocessing techniques, enhancing model accuracy in both projects.

## PROJECTS

### CleverCrypto | [Cryptography and Cloud](#)

**2023**

- Application to provide secure cloud storage on Cloud using Hybrid Cryptography system.
- Used different cryptographic algorithms like RSA, Blowfish, IDEA, DES for encryption and decryption.
- Conducted comprehensive vulnerability assessments for preemptive security measures.
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### Stock Analysis | [Data Analysis and ML Algorithms](#)

**2022**

- Fetched Apple and Microsoft stock prices from Yahoo Finance API.
- Used Matplotlib/Plotly for clear stock price visualizations.
- Applied data normalization techniques for fair comparison.
- Implemented linear regression to predict stock price trends.

### Smart Irrigation System | [IOT Integration and Data Analytics](#)

**2021**

- Integrated sensors for real-time soil and weather data.
- Developed system for efficient, autonomous irrigation control.
- Incorporated weather forecasts to adapt irrigation plans.
- Enabled remote monitoring and control for user convenience.

## TECHNICAL SKILLS

**Languages:** Python, C, JavaScript, SQL

**Technologies/Frameworks:** HTML5, CSS3, Django, MongoDB, Express, React, NodeJS, Bootstrap

**Developer Tools:** VS Code, PyCharm, Google Collab, Canva

## CERTIFICATIONS

- AI Primer - Infosys Springboard
- Intro to Cloud Computing - IBM
- Python for Data Science, AI and Development - IBM
- Python Programming : A Practical Approach - IIT Kanpur

## EXTRACURRICULAR

- NCC Cadet of UP/55 Batallian
- Active member of various social awareness events.